

AMENDMENT

In the Claims:

1-79 (canceled).

80. (Previously Presented) An electrophoretic or liquid crystal display which comprises display cells filled with a display fluid and top-sealed with a sealing layer formed from a sealing composition comprising a high dielectric polymer or oligomer and a radiation curable composition.

81. (Previously Presented) The electrophoretic or liquid crystal display of Claim 80 wherein said sealing layer is between the display fluid and a substrate or electrode layer.

82. (Previously Presented) The electrophoretic or liquid crystal display of Claim 80 wherein said sealing layer is between the display fluid and an adhesive or overcoat layer on a substrate or electrode layer.

83. (Previously Presented) An electrophoretic or liquid crystal display of Claim 82 wherein said adhesive layer is formed from a composition comprising a high dielectric polymer or oligomer and a radiation curable composition.

84-86. (Canceled)

87. (Currently Amended) A semi-finished display panel which comprises:

a) an array of filled display cells on an electrode or substrate layer, which filled display cells are top-sealed with a sealing layer; and

b) a temporary substrate laminated on top of the filled and top-sealed display cells; or

~~—— c) an array of filled display cells on a temporary substrate, which filled display cells are top-sealed with a sealing layer; and~~

~~—— d) an electrode or substrate layer laminated on top of the filled and top-sealed display cells;~~

wherein said sealing layer is formed from a sealing composition comprising a high dielectric polymer or oligomer and a radiation curable composition.

88. (Previously Presented) The semi-finished display panel of Claim 87 wherein said display cells are microcups, microgrooves or microchannels.

89. (Previously Presented) The semi-finished display panel of Claim 87 wherein said temporary substrate is a release liner.

90. (Currently Amended) The semi-finished display panel of Claim 87 wherein said high dielectric polymer or oligomer is selected from [[a]] the group consisting of polyurethanes, polyureas, polycarbonates, polyamides, polyesters, polycaprolactone, polyvinyl alcohol, polyether, polyvinyl acetate derivatives, polyvinyl fluoride, polyvinylidene fluoride, polyvinyl butyral, polyvinylpyrrolidone, poly(2-ethyl-2-oxazoline), acrylic or methacrylic copolymers, maleic anhydride copolymers, vinyl ether copolymers, styrene copolymers, cellulose derivatives, gum Arabic, alginate, lecithin and polymers derived from amino acids.

91. (Previously Presented) The semi-finished display panel of Claim 87 wherein said radiation curable composition comprises a multifunctional monomer or oligomer.

92. (Previously Presented) The semi-finished display panel of Claim 87 wherein said sealing composition further comprises a crosslinking agent.

93. (Previously Presented) The semi-finished display panel of Claim 92 wherein said sealing composition further comprising a catalyst.

94-96. (Canceled)

97. (Previously Presented) A semi-finished display panel which comprises an array of filled and top-sealed display cells between two temporary substrate layers, which filled display cells are top-sealed with a sealing layer formed from a sealing composition comprising a high dielectric polymer or oligomer and a radiation curable composition.

98. (Previously Presented) The semi-finished display panel of Claim 97 wherein said display cells are microcups, microgrooves or microchannels.

99. (Previously Presented) The semi-finished display panel of Claim 98 wherein said microcups are prepared by embossing, molding or lithography.

100. (Previously Presented) The semi-finished display panel of Claim 97 wherein said temporary substrate is a release liner.

101-102. (Canceled)

103. (Previously Presented) The semi-finished display panel of Claim 87 wherein the panel is in the form of a roll.

104. (Previously Presented) The semi-finished display panel of Claim 97 wherein the panel is in the form of a roll.

105. (Previously Presented) A finished display or device, which comprises:

- (a) an array of filled microcups on an electrode layer wherein said filled microcups are top-sealed with a sealing layer formed from a sealing composition comprising a high dielectric polymer or oligomer and a radiation curable composition; and
- (b) a protective coating on the sealed microcup array.

106. (Previously Presented) The finished display or device of Claim 105 comprises one electrode layer.

107. (Previously Presented) The finished display or device of Claim 105 wherein said protective coating comprises a particulate additive.

108. (Previously Presented) The finished display or device of Claim 105 wherein said electrode layer comprises a patterned electrode.

109. (Previously Presented) A finished display or device which comprises:

- (a) an array of filled and top-sealed microcups on a first substrate or electrode layer wherein said cells are top-sealed with a sealing layer formed from a sealing composition comprising a high dielectric polymer or oligomer and a radiation curable composition;

(b) a second electrode layer on the top-sealed microcup array wherein said second electrode layer is disposed onto the top-sealed microcup array by lamination, coating, printing, vapor deposition, sputtering or a combination thereof; and

(c) a protective coating on the second electrode layer.

110. (Previously Presented) The finished display or device of Claim 109 comprises one electrode layer.

111. (Previously Presented) The finished display or device of Claim 109 wherein said protective coating comprises a particulate additive.

112. (Previously Presented) The finished display or device of Claim 109 wherein said electrode layer comprises a patterned electrode.

113. (New) A semi-finished display panel which comprises:

a) an array of filled display cells on a temporary substrate, which filled display cells are top-sealed with a sealing layer; and

b) an electrode or substrate layer laminated on top of the filled and top-sealed display cells;

wherein said sealing layer is formed from a sealing composition comprising a high dielectric polymer or oligomer and a radiation curable composition.

114. (New) The semi-finished display panel of Claim 113 wherein said display cells are microcups, microgrooves or microchannels.

115. (New) The semi-finished display panel of Claim 113 wherein said temporary substrate is a release liner.

116. (New) The semi-finished display panel of Claim 113 wherein said high dielectric polymer or oligomer is selected from the group consisting of polyurethanes, polyureas, polycarbonates, polyamides, polyesters, polycaprolactone, polyvinyl alcohol, polyether, polyvinyl acetate derivatives, polyvinyl fluoride, polyvinylidene fluoride, polyvinyl butyral, polyvinylpyrrolidone, poly(2-ethyl-2-oxazoline), acrylic or methacrylic copolymers, maleic

anhydride copolymers, vinyl ether copolymers, styrene copolymers, cellulose derivatives, gum Arabic, alginate, lecithin and polymers derived from amino acids.

117. (New) The semi-finished display panel of Claim 113 wherein said radiation curable composition comprises a multifunctional monomer or oligomer.

118. (New) The semi-finished display panel of Claim 113 wherein said sealing composition further comprises a crosslinking agent.

119. (New) The semi-finished display panel of Claim 118 wherein said sealing composition further comprising a catalyst.